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Claim Amendments
Including a complete listing of all claims

1. (Currently Amended) An electronically detectable ball usable for a ball game, comprising:

a bladder,

an external covering enclosing said bladder, and

a passive location sensor weighing less than ten grams, at least a portion of and which is completely integrated into said bladder, said passive location sensor capable of being detected by a transceiver adjacent a goal upon the ball completely passing a goal line,

whereby the occurrence of a goal is positively detected.

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Currently Amended) The electronically detectable ball of claim 1, wherein said sensor is configured to be responsive to ~~pressure and/or~~ infra-red radiation and/or to a metal detector.

10. (Currently Amended) A sensor system for detecting a position of an electronically detectable ball, the system comprising:

an electronically detectable ball having a passive location sensor weighing less than ten grams;

a transceiver configured to detect ~~an~~ said electronically detectable ball when said electronically detectable ball passes outside of a predefined area of a game field, and

a support structure configured to support said transceiver at ~~a~~ the predefined area of ~~a~~ the game field.

11. (Previously Presented) The system of claim 10 wherein said transceiver is configured to detect said electronically detectable ball with a spatial resolution that is equal to or less than a diameter of said electronically detectable ball.

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12. (Previously Presented) The system of claim 10, further comprising an indicator means configured to indicate, when said electronically detectable ball is within a specified region of said predefined area.

13. (Previously Presented) The system of claim 12, wherein said indicator means comprises a mobile display means configured to wirelessly communicate with said indicator means.

14. (Currently Amended) The system of claim 10 wherein the electronically detectable ball comprises:

a bladder;

an external covering enclosing said bladder; and

wherein the passive location a sensor, ~~at least a portion of~~
~~which~~ is completely integrated into said bladder.

15. (New) A system for detecting a goal comprising:

an inflatable ball having a bladder and outer covering;

a passive sensor located inside the bladder of said inflatable ball, said passive sensor weighing less than ten grams;

a transceiver positioned adjacent a goal so as to detect said passive sensor when said inflatable ball has completely crossed a goal line;

an electronic device worn by a referee capable of receiving a signal from said transceiver, whereby a goal is confirmed by the referee; and

an electronic cabin housing an official and additionally receiving the signal from said transceiver, whereby a decision of the referee may be checked.

16. (New) A system for detecting a goal as in claim 15 wherein:

said transceiver is positioned at least 30 cm inside the goal line, whereby interference from a goalkeeper or other players is prevented.